DC MP3 Digital Audio Player (USB 2.0)

User Guide

Version 1.1

Shiro

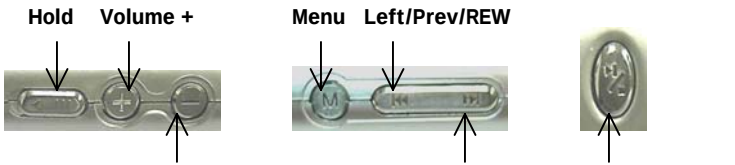
Table of Contents

Notice	1
Operation Buttons, Package Includes, Power On & Off, Minimum System Requirements	2
LCD Information, Menu Functions	3
Music Operation, Voice Operation	4
FM Operation	6
System Settings, Setting Equalizer	7
Setting Repeat Mode, Setting Different Folder, Setting A-B Clipping	8
Firmware Upgrade, Disk Protection	9
Connecting Player to Computer, Troubleshooting Guide	10
Technical Specifications	11

Notice

1. If the player is not used for a long duration, please remove the battery to avoid battery leakage.
2. Unlock the HOLD switch before using the player.
3. Under normal volume condition, the player can last up to 8 hours on a single AAA battery. Please take note this battery lifespan will vary depending on the condition & manufacturer of the battery. Please replace the battery when the battery icon is .

Operation Buttons



Package Includes

Installation CD, USB Cable, Earphone, User Guide, AAA Battery

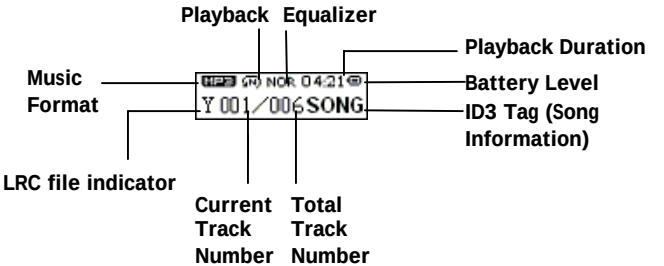
Power On & Off

To power on/off the player, press and hold **Play/Pause**.

Minimum System Requirements

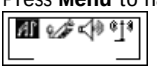
- Operating System: Windows® 98/98SE/ME/2000/XP or Macintosh™ OS 10.x
- Hardware: 20MB of free disk space, 4x CD-ROM or higher, USB port

LCD Information



Menu Functions

1. Press **Menu** to navigate different mode. Press and hold **Menu** to go back Main Menu.



2. You can select **Music, Record, Voice, FM Mode, and Setting.**
3. You can choose the item by pressing **Left/Right**. Press **Menu** to enter.
4. Choose **Music** will go to Music mode to enjoy your MP3/WMA songs.
5. Choose **Record** will go to record mode to record voice.
6. Choose **Voice** to play WAV file or listen to recorded files.
7. Choose **FM Mode** to enter radio mode.

8. Choose **Setting** to enter player configuration menu. You can set **Record Time, Backlight, Light Color, Language, Power Off, Replay Mode, Contrast, Online Mode, Memory Info, Firmware Version, Firmware Upgrade or Return to Main Menu.**

9. On the player, there's a **HOLD** switch. Once you have set it, all the buttons on the player will be inactive. You will see this on the LCD. To deactivate this feature, slide the switch following the arrow label.

Music Operation

1. Press **Play/Pause** will either play or pause the song.
2. Press **Left/Right** (FF/REW) to choose to the next or previous song.
3. Press **VOL+** or **VOL-** to adjust volume.
4. Press and hold **Left/Right** (REW/FF) to rewind or fast forward.

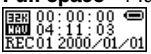
Synchronous Lyrics

1. For synchronous lyrics support, you must ensure the Music file has additional .LRC file on the same folder. E.g. Song.mp3 and Song.LRC.
2. While the song is playing, lyrics should appear automatically. If not, please press and hold the **Menu** to see the lyrics.

Voice Operation

If LCD shows the following:

a. **Full Directory** - Current folder has 99 recording files. Use another folder for recording.
b. **Full Space -** Player memory is full. Please delete other files to free some space.



Icon "32K WAV" indicates the current recording format and recording bit rate.

"00:00:00" indicates the current recording time.

"04:11:03" indicates the current remaining time for file recording.

"2000/01/01" indicates the current recording date for the recorded file (which may be modified in the system setup).

"REC01" indicates current file name of the recorded file.

1. From Main Menu, navigate to **Record** mode using **Left/Right**.
2. To start recording, press **Play/Pause**.
3. Press and hold **Play/Pause** to end recording. You will see **Saving** on the LCD. You will need to access **Voice** mode to listen to the audio file.
4. You can change the current active folder for recording or you can also change the recording quality. Press **Menu** to enter these options.
5. You can select 4 different recording qualities.
   Fine REC – WAV Format, High Quality
   Long REC – ACT Format, Normal Quality
   Fine VOR – WAV format, High Quality (Recording will stop when there is no sound)
   Long VOR – ACT Format, Normal Quality (Recording will stop when there is no sound)

Playing Recorded File

1. From Main Menu, navigate to **Voice** mode.
2. Press **Play/Pause** to play or stop the audio file.
3. If there is no recorded audio files you will see **No files!**
4. While the recorded file is paused, you can change the current active folder for recording or you can also delete the recorded audio. Press **Menu** to enter these options.

FM Operation

Adjusting and Saving Frequency

1. From Main Menu, navigate to **FM Mode**. This mode has 30 fixed stations.
2. Press **Menu** and go to **Search mode > Auto Search** to start scanning.
3. Once all stations has been found, S symbol will appear to show the current station is in **STEREO** status.
4. To adjust frequency manually, press **Menu** and go to **Search mode > Freq mode**. Pressing once will change 0.1MHz. Press and hold **Left/Right** will search faster. Press **Menu** and you will see **Save** option. Press **Menu** again to save the station.
5. To access station by station, press **Menu** and go to **Search mode**. Press **Menu** and go to **Search station** and press **Menu** again. Pressing **Left/Right** will allow you to navigate between different stations.

Recording FM

1. Press **Menu**, navigate to **Rec Type > Fine REC** or **Long REC** to start recording.
2. Press and hold **Play/Pause** to stop recording. Press **Menu** to return to FM mode.

Delete FM Channel

Press **Menu**, navigate to **Delete** or **Delete All**.

Note: By default, the FM tuning frequency is Normal Band from 87MHz – 108Mhz. Japan Band will be from 76MHz – 90MHz.

System Settings

1. From Main Menu, navigate to **Setting** mode.
2. Description of the different mode in SYSTEM Settings are:

a. Record Time	Set the date and time when recorded files are saved
b. Backlight	Set the period of time (in seconds) for backlight to be on
c. Light Color	Different backlight color selection (optional)
d. Language	Choose different languages for display
e. Power off	Set the duration after which the player will turn off automatically
f. Replay mode	Set the A-B clipping play mode
g. Contrast	Set the contrast level of the LCD window
h. Online Mode	Set the disk type for access, either Encrypted/Normal/Both.
i. Memory info.	Show current memory total & available memory space.
j. Firmware version	Show current firmware version
k. Firmware upgrade	Set the player to Firmware upgrade state
l. Exit	Exit to Main Menu.

Setting Equalizer

1. While playing music, press **Menu**.
2. Navigate to **Equalizer** mode using **Left/Right**.

3. Choose **Natural, Rock, Pop, Classic, Soft, Jazz or DBB** equalizer by pressing **Menu**.

Setting Repeat Mode

1. While playing music, press **Menu**.
2. Navigate to **Repeat** mode using **Left/Right**. Below are the descriptions.
   Normal: All music files will play sequentially once.
   Repeat One: Repeat current file continuously.
   Folder: Play music files in the selected folder once.
   Repeat Folder: All music files in the selected folder will play sequentially and continuously.
   Repeat All: All music files will play sequentially and continuously.
   Random: All music in the current folder will play randomly once.
   Introduce: All music in the current folder will play sequentially 10 seconds once.

Setting Different Folder

Please create the folder by connecting the player to the USB port on the computer and create the folder manually. The player supports 99 folders.

1. Under **Music/Record/Voice** mode (**Pause** state), press **Menu** to enter **Local folder**.
2. Press **Left/Right** to select the folder and press **Menu** to confirm.

Setting A-B Clipping

1. While the music or audio file is playing, press **Menu** and navigate to **Replay.** Press **Menu** to activate this function. You will notice A will start flashing.
2. Press **Right** and B will start flashing. Press **Right** again to start repeating the repeated portion **A-B** continuously.

3. While repeating, if you would like to record your voice and see if it matches with the A-B segment, press **Right** again. You will notice a microphone will appear replacing A-B icon. Once you have recorded your voice, press **Right** to listen to A-B segment and your recorded voice.
4. You can press **Menu** exit this mode.

Firmware Upgrade

1. Click on Start > Programs > MP3 Player Utilities > MP3 Player Update. You must ensure the player has been connected to the computer USB port.
2. Click **Choose Firmware of New Version** and locate the firmware.
3. You may download the new firmware file from our website, www.shirocorp.com or from the Installation CD.
4. Click **Start** to start upgrading.
5. Once upgrading has been done successfully, the utility will display the message.

Disk Protection

1. You must first ensure the player has been connected to the computer USB port.
2. Click on **Start > Programs > MP3 Player Utilities > MP3 Player Disk Tool**.
3. Choose **Partition and Encrypt** option and set the desired capacity for the encrypted disk.
4. Check the box, **Set Username and Password**. Key in the username and password.
5. Click **Start** to commence. Once done, under My Computer, you will see 2 Removable Disk created. Access second disk and there are 3 files in it.
6. Double-click the **RdiskDecrypt.exe** file and input correct username and password to access disk.

Note:

1. Dividing one disk into 2 parts may erase data on it. Please backup data in disk before division.

2. Do not lose the username and password you have input, otherwise you to merge disks, repeat Disk Protection procedures again but set to 0MB for Setting Encrypted Disk Capacity.

Connecting Player to Computer

1. Connect the USB port of the player to the computer using the USB cable provided.
2. **Please take note if you are using Windows® 98 Second Edition, YOU MUST INSTALL THE DRIVER PROVIDED IN THE INSTALLATION CD-ROM (OPTIONAL) OR VISIT WWW.SHIROCORP.COM TO DOWNLOAD THE DRIVER.** For user using Windows® Millenium/2000/XP, your computer will install the driver automatically.
3. You will be able to locate the player under **My Computer > Removable Disk.**
4. Double-click on it to open up. You can drag and drop your music files here.

Troubleshooting Guide

1. I press **Play/Pause** but there is no reaction from the player. It will not power up.
Answer: Please replace the battery then try again.

2. My player can power up but when I press all the buttons, there is no reaction.
Answer: Press **HOLD** switch to unlock it.

3. I cannot listen ACT audio file using Windows Media Player, what should I do?
Answer: There is a **File Convert** program provided in the package. Run the program to convert ACT format file to WAV format. To do so, run the **File Convert** program and select the ACT format file that needs to be converted. Click **Convert** to start conversion.

Technical Specifications

Built-In Memory	Up to 2GB
Battery	1xAAA Alkaline or Ni-MH
LCD Resolution	128x32 pixels
Signal Noise Ratio	>90dB
Earphone output	10mW+10mW
Music Format	MP3, WMA, WAV
Record Format	WAV
USB	2.0 Full-Speed (Up to 12Mbps)

LIMITATION OF LIABILITY AND DAMAGES.

IN NO EVENT WILL MANUFACTURER AND MANUFACTURER'S RESELLERS (COLLECTIVELY REFERRED TO AS "THE SELLERS") BE LIABLE FOR DAMAGES OR LOSS, INCLUDING BUT NOT LIMITED TO DIRECT, INDIRECT, SPECIAL WILLFUL, PUNITIVE, INCIDENTAL, EXEMPLARY, OR CONSEQUENTIAL, DAMAGES, DAMAGES FOR LOSS OF BUSINESS PROFITS, OR DAMAGES FOR LOSS OF BUSINESS OF ANY CUSTOMER OR ANY THIRD PARTY ARISING OUT OF THE USE OR THE INABILITY TO USE THE PRODUCT OR THE SOFTWARES, INCLUDING BUT NOT LIMITED TO THOSE RESULTING FROM DEFECTS IN THE PRODUCT OR SOFTWARE OR DOCUMENTATION, OR LOSS OR INACCURACY OF DATA OF ANY KIND, WHETHER BASED ON CONTRACT, TORT OR ANY OTHER LEGAL THEORY, EVEN IF THE PARTIES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABLITY FOR DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO THE PARTIES. IN NO EVENT WILL THE SELLERS' TOTAL CUMULATIVE LIABLIITY OF EACH AND EVERY KIND IN RELATION TO THE PRODUCT OR ITS SOFTWRE EXCEED THE AMOUNT PAID BY CUSTOMER FOR THE PRODUCT.